

GM PROJECT

1

German and Matheson Townships

Porcupine Mining District, Ontario

NTS 42 A 10

2.31057

GENERAL

The GM Project was designed to locate conductive zones identified by the 1988 MNDM Airborne Electromagnetic/Magnetic Survey in the Timmins area. There are numerous indications of conductivity in both German and Matheson Townships, where there is no outcrop due to the deep glacial deposits of sand, gravel, and clay.

PROPERTY

German Township: Moran Patent: S1/2, Lot 12, Con.3

Matheson Township: Claim 3009748: N 1/2 of the N 1/2, Lot 1, Con.3, and the NE 1/4 of N 1/2, Lot 2, Con 2. 3 units.

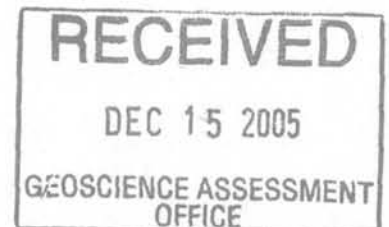
Claim 3009754: S 1/2, Lot 2, Con 3. 4 units.

Claim 3009996: S 1/2 of N 1/2 of S 1/2, and N 1/2 of S 1/2 of S 1/2, Lot 1, Con 3. Approx. 2 units.

Total 9 units requiring assessment work.

All property is owned by: John Moran                      Phone: 705-682-4070  
P.O.Box 1270  
Copper Cliff, ON                      Client # 401627  
POM 1N0

Access: The property lies astride the German/Matheson boundary, which is an all-weather north - south road between Hwy. 101 to the south and the village of Connaught to the north. The area is flat with second growth trees providing excellent access to all claims. The Frederick House River is however an obstacle to the claims along its' banks. Three homes are located in Matheson Township along the west side of the north/south township road.



## HISTORY

The area is covered with glacial deposits, and lies astride the eastern extension of the Timmins geology. In March 1961 Rio Tinto Canadian Exploration drilled hole 49-10-01 from the ice of the Frederick House River along the western shore in what is now the northeast corner of Claim 3009754. The assessment data indicates the hole to have been drilled downdip to the north to 317 feet, in sediments containing pyrite/graphite with quartz stringers. Core recovery was poor, but an intersection of 4 feet of 0.02 oz. Au and another of 1.0 foot of 0.07 oz Au was obtained in quartz. Ground geophysical surveys were completed in the north part of the current property in the 1980's, without any follow-up work indicated. In April/May 1998 a joint venture of St. Andrew Goldfields Ltd. and Comaplex Resources drilled hole G-98-4 immediately east of the east boundary of the Moran Patent. The hole was drilled north (downdip) for 814 m, and intersected a volcanic sequence with minimal bands of sediment, almost ubiquitous pyrite, with quartz-calcite stringers/veins? and indications of bleaching, which may be hydrothermal alteration. The core was apparently not assayed. There has not been any subsequent work in the immediate area.

## GEOLOGY

There is no outcrop on the property, and overburden is in the 30 m or deeper range. The government geological maps are apparently estimates assuming the continuation of the Timmins geology to the east.

## GEOPHYSICS

The 1988 OGS/MNDM Airborne Electromagnetic/Magnetic Survey Maps 81073 and 81074 cover the two townships. The magnetic data is essentially flat, but the electromagnetic survey data indicates several east-west striking conductive zones. The 2003/2004 OGS Maps 81897 and 81922 airborne gravity/magnetic survey data does not indicate any obvious anomalies on the property.

## GEOTECHNICAL WORK

All field work was undertaken in the June to November period of 2004.

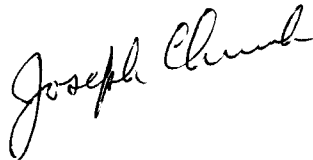
Gridding: 10.95 kms of baseline/crosslines were completed at 100 m intervals on the Moran Patent and the southeast corner of Claim 3009754. Larry Salo of Connaught performed the gridding in late June and early July 2004.

Geophysical Surveys: Magnetic surveying (Proton Magnetometer) on the 100 m lines was completed without difficulty, however the initial electromagnetic survey ( Inco VL-1000 Hz unit) over the Moran Patent could not be completed due to the severe electrical fields surrounding the large power line crossing the southeast corner of the Patent, and the north-south power line running along the township road. The Moran Patent was resurveyed using an Inco SCR-VL/1000 Hz unit which is not affected by the powerline interference. This unit uses a Silicon Controlled Rectifier which prevents any powerline interference. Two east-west striking conductive zones were identified on the Patent, and one zone along the south boundary of Claim 3009754. There is no surface explanation for these conductors, which appear to indicate a steep north dip to the geology. Gerald Gereghty of Sudbury performed the geophysical work from July 6 - 13, 2004 and from October 31 -November 6, 2004.

Geochemical Survey: 43 samples were obtained from August 30 - September 2, 2004 from the top of the B soil horizon using a manual auger. The soil was wet, and clayey which complicated the sampling procedure. Gerald Gereghty of Sudbury performed the sampling. All samples were shipped to Activation Laboratories Ltd., Ancaster, ON in September 2004 and assayed using the Enzyme Leach program. No anomalous values were obtained.

Expenditures; The expenditures to date amount to \$ 17,220.63, and should be applied equally to the three claims...9 units.

Joseph Church  
Prospector  
Lic: A 41854  
Client: # 118244



December 15, 2005

Attachments: Property/Grid Map  
Magnetic Survey 1:2500  
Electromagnetic Survey 1:2500  
Soil Sample Assays

**PROPERTY BOUNDARY**

*River*



*House*

**3009754**

**3009996**

**MORAN PATENT**

S 1/2 CON. 3

**P 594686**

*Frederick*

**PATENTED - MRO**

**P 594864**

LOT 12

LOT 11

**3009748**

**PROPERTY BOUNDARY**

N 1/2 CON. 2

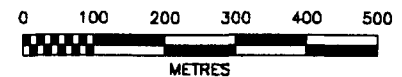
LOT 3

LOT 2

LOT 1

**MATHESON TWP.  
GERMAN TWP.**

**PROPERTY MAP  
GM PROJECT  
TIMMINS, ONTARIO**



Enzyme Leach Job #: A04-2611

Report #: A04-2611

Customer: Joseph Church

Contact: J. Church

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass. Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Regular Package:

Sample ID	Oxidation Suite											S.Q.	Hg	Th	U
	S.Q.	Cl	Br	I	V	As	Se	Mo	Sb	Te	W				
A 38501	22300	76	54	187	17	-5	5	0.8	-1	2	0.02	-0.05	-1	13.0	2.2
A 38502	27600	98	49	94	7	-5	6	0.9	-1	-1	0.04	-0.05	-1	5.5	0.9
A 38503	44100	157	57	79	11	-5	6	0.9	-1	-1	0.07	-0.05	-1	4.8	0.9
A 38504	35600	147	56	79	10	7	5	0.8	-1	-1	0.02	0.06	-1	7.3	1.3
A 38505	44600	123	66	89	9	-5	3	0.6	-1	-1	0.05	-0.05	-1	5.8	0.7
A 38506	49900	132	45	64	7	5	6	0.7	-1	-1	0.03	0.07	-1	4.4	0.9
A 38507	44200	181	53	85	9	6	4	0.7	-1	-1	0.04	0.07	-1	7.9	1.1
A 38508	40700	99	51	131	11	-5	5	0.7	-1	-1	0.02	-0.05	-1	5.4	10.8
A 38509	32400	94	47	130	13	-5	4	1.0	-1	-1	0.01	0.06	-1	8.7	1.0
A 38510	29900	76	35	122	8	-5	4	0.9	-1	-1	-0.01	0.07	-1	6.2	1.2
A 38510 REP	26900	75	34	124	8	-5	4	0.9	-1	-1	0.02	0.07	-1	7.5	1.4
A 38511	43900	88	39	172	17	-5	3	1.0	-1	1	0.01	-0.05	-1	11.7	1.5
A 38512	37200	98	48	93	7	6	5	0.9	-1	-1	0.07	0.09	-1	7.0	1.6
A 38513	48200	117	51	103	13	-5	5	0.7	-1	-1	0.05	0.06	-1	5.9	1.1
A 38514	40400	114	51	86	9	5	5	0.8	-1	-1	0.04	0.09	-1	7.2	1.3
A 38515	50500	92	44	101	10	-5	6	0.8	-1	-1	0.02	0.08	-1	5.0	0.9
A 38516	25800	92	34	187	13	-5	4	1.3	-1	1	-0.01	-0.05	-1	10.9	1.5
A 38517	35700	83	55	177	16	-5	3	1.1	-1	2	-0.01	0.09	-1	13.1	1.4
A 38518	41000	65	35	111	9	-5	6	1.0	-1	-1	0.01	0.07	-1	3.1	0.7
A 38519	41500	140	65	134	12	-5	4	1.1	-1	1	0.06	0.07	-1	11.9	1.5
A 38520	40000	42	16	225	7	5	4	1.1	-1	1	0.02	-0.05	-1	6.5	5.8
A 38520 REP	38900	46	15	244	8	7	4	1.2	-1	1	0.03	-0.05	-1	5.7	5.6
A 38521	20000	28	10	124	5	-5	4	0.5	-1	-1	-0.01	0.10	-1	2.0	1.0
A 38522	19100	50	14	181	5	6	3	1.0	-1	-1	-0.01	-0.05	-1	7.2	4.0
A 38523	13000	38	60	201	17	-5	8	0.8	-1	2	-0.01	0.08	-1	14.3	2.2
A 38524	7850	58	69	186	17	-5	5	1.2	-1	2	-0.01	0.08	-1	20.6	2.8
A 38525	24800	61	53	119	9	-5	7	0.6	-1	-1	-0.01	0.06	-1	4.6	1.1
A 38526	35700	75	57	156	12	-5	7	1.2	-1	1	0.02	0.08	-1	10.7	2.1
A 38527	12000	52	53	125	7	-5	5	0.8	-1	-1	-0.01	0.07	-1	3.8	1.5
A 38528	20500	73	48	147	9	-5	5	1.1	-1	1	-0.01	0.06	-1	11.0	1.7
A 38529	18300	101	107	145	10	-5	5	1.0	-1	-1	-0.01	0.07	-1	8.5	1.2
A 38530	21000	76	37	76	7	-5	3	1.0	-1	-1	0.02	-0.05	-1	9.3	3.1
A 38530 REP	21400	83	37	79	7	-5	3	1.1	-1	-1	0.04	-0.05	-1	9.0	3.3
A 38531	24100	86	48	87	6	-5	2	0.8	-1	-1	0.02	-0.05	-1	9.8	4.9
A 38532	37300	73	38	177	12	-5	4	1.1	-1	1	0.03	0.09	-1	11.0	2.8
A 38533	28000	89	59	125	11	-5	7	0.9	-1	-1	-0.01	0.08	-1	5.2	1.0
A 38534	14900	53	30	114	7	-5	4	1.0	-1	1	0.02	0.07	-1	8.2	2.0
A 38535	21100	80	75	167	15	-5	6	1.0	-1	1	-0.01	0.05	-1	11.7	1.5
A 38536	13500	53	63	177	13	-5	6	0.8	-1	1	-0.01	0.07	-1	11.2	1.9
A 38537	23900	54	39	42	3	-5	3	0.8	-1	-1	0.01	-0.05	-1	4.3	1.6
A 38538	42500	103	52	173	12	-5	5	1.4	-1	1	0.02	0.10	-1	12.7	2.4
A 38539	18700	87	51	125	7	-5	3	0.7	-1	1	0.04	-0.05	-1	13.6	5.3
A 38540	42900	81	42	114	8	-5	4	0.8	-1	-1	-0.01	-0.05	-1	4.1	0.7
A 38541	31700	68	55	186	12	-5	5	0.9	-1	-1	-0.01	-0.05	-1	7.7	1.4
A 38542	15900	62	32	194	10	-5	4	1.0	-1	-1	0.03	0.07	-1	4.6	0.9
A 38543	25900	111	47	119	11	-5	4	1.0	-1	-1	0.01	0.05	-1	6.0	1.2
Control Material Till-1 Certified Till-1	12900	532	102	158	43	6	5	74.2	-1	-1	0.03	0.06	-1	8.0	5.3
		5000		17000		2000	8000.0		<1000			17	90	6000	2000
Control Material Till-2 Certified Till-2	18100	1240	174	116	35	5	41	2.2	-1	6	0.02	-0.05	-1	16.3	14.4
		11000		24000		15000	800		6000			3000	70	18000	6000
Control Material SO-2 Certified SO-2	3140	1220	173	38	5	6	2	1.1	-1	-1	0.03	-0.05	-1	4.5	5.5
				64000									82		
Control Material SO-4 Certified SO-4	2600	474	79	229	30	21	29	4.0	-1	2	0.39	-0.05	-1	6.9	3.2
				90000									30		

Base Metals:					Base Metal - Chalcophile Associa				
Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In
15	55	51	41	14	-13	-1.0	-0.2	0.3	-0.1
30	31	21	41	6	4	-0.5	-0.2	0.6	-0.1
12	31	59	36	12	3	-0.5	-0.2	0.5	-0.1
11	29	28	23	6	4	0.5	-0.2	0.4	-0.1
10	24	23	77	5	3	-0.5	-0.2	0.4	-0.1
7	20	23	82	3	3	-0.5	-0.2	0.5	-0.1
13	31	27	23	5	5	-0.5	-0.2	0.4	-0.1
16	39	37	18	6	5	-0.5	-0.2	0.3	-0.1
17	43	50	36	7	7	0.7	-0.2	0.4	-0.1
27	32	22	29	6	5	0.5	-0.2	0.3	-0.1
27	33	20	31	8	5	0.6	-0.2	0.4	-0.1
14	50	55	33	10	10	0.9	-0.2	0.3	-0.1
9	28	36	32	5	4	0.5	-0.2	0.6	-0.1
9	34	38	10	4	4	-0.5	-0.2	0.8	-0.1
15	29	24	21	5	3	0.6	-0.2	0.6	-0.1
11	28	32	14	5	4	-0.5	-0.2	0.5	-0.1
16	49	43	54	12	8	0.8	-0.2	0.8	-0.1
25	76	82	37	12	11	0.9	-0.2	0.5	-0.1
14	26	32	16	5	4	-0.5	-0.2	0.7	-0.1
14	47	39	35	9	9	1.0	-0.2	0.4	-0.1
8	36	27	27	7	5	0.7	-0.2	0.5	-0.1
8	39	27	33	5	4	-0.5	-0.2	0.7	-0.1
3	22	18	50	4	2	-0.5	-0.2	0.7	-0.1
8	25	38	16	6	4	-0.5	-0.2	0.6	-0.1
11	52	56	37	13	-11	-0.9	-0.2	-0.9	-0.1
16	77	98	118	17	-12	-1.0	-0.2	0.6	-0.1
7	32	31	-10	4	4	-0.5	-0.2	0.7	-0.1
20	58	61	28	9	8	0.6	-0.2	0.5	-0.1
6	27	24	14	4	4	-0.5	-0.2	0.5	-0.1
27	48	33	39	10	8	0.8	-0.2	0.4	-0.1
13	37	43	24	7	7	0.6	-0.2	0.2	-0.1
12	30	25	17	6	4	0.6	-0.2	0.5	-0.1
10	28	24	16	7	4	-0.5	-0.2	0.5	-0.1
9	19	19	15	5	4	-0.5	-0.2	0.4	-0.1
20	47	54	25	9	7	0.6	-0.2	0.4	-0.1
12	30	32	27	4	4	-0.5	-0.2	-0.2	-0.1
13	31	21	15	7	5	0.6	-0.2	0.5	-0.1
18	59	73	27	9	9	0.9	-0.2	0.7	-0.1
15	52	54	29	10	9	0.7	-0.2	0.9	-0.1
4	27	23	17	6	5	-0.5	-0.2	0.4	-0.1
17	48	52	27	9	7	0.7	-0.2	0.3	-0.1
20	45	25	39	11	9	0.8	-0.2	0.5	-0.1
10	31	27	25	4	4	-0.5	-0.2	-0.2	-0.1
15	42	41	21	7	6	0.5	-0.2	0.2	-0.1
9	35	41	-10	4	3	-0.5	-0.2	0.4	-0.1
15	31	37	-10	4	3	-0.5	-0.2	0.4	-0.1
80	52	238	129	44	12	1.2	-0.2	3.4	0.2
18000	20000	43000	91000	21000			200	<200	
47	59	302	139	30	12	1.2	-0.2	3.9	0.1
13000	29000	139000	121000	30000			<200	<200	
14	31	17	295	9	14	1.0	-0.2	1.0	-0.1
9000	8000	7000	124000	21000					
62	119	61	127	16	9	1.2	-0.2	0.9	-0.1
11000	26000	22000	94000	16000					

Certified By:



C. Douglas Read, B. Sc.  
Laboratory Manager, Activation Laboratories Ltd.

Date Received: 08-SEP-04

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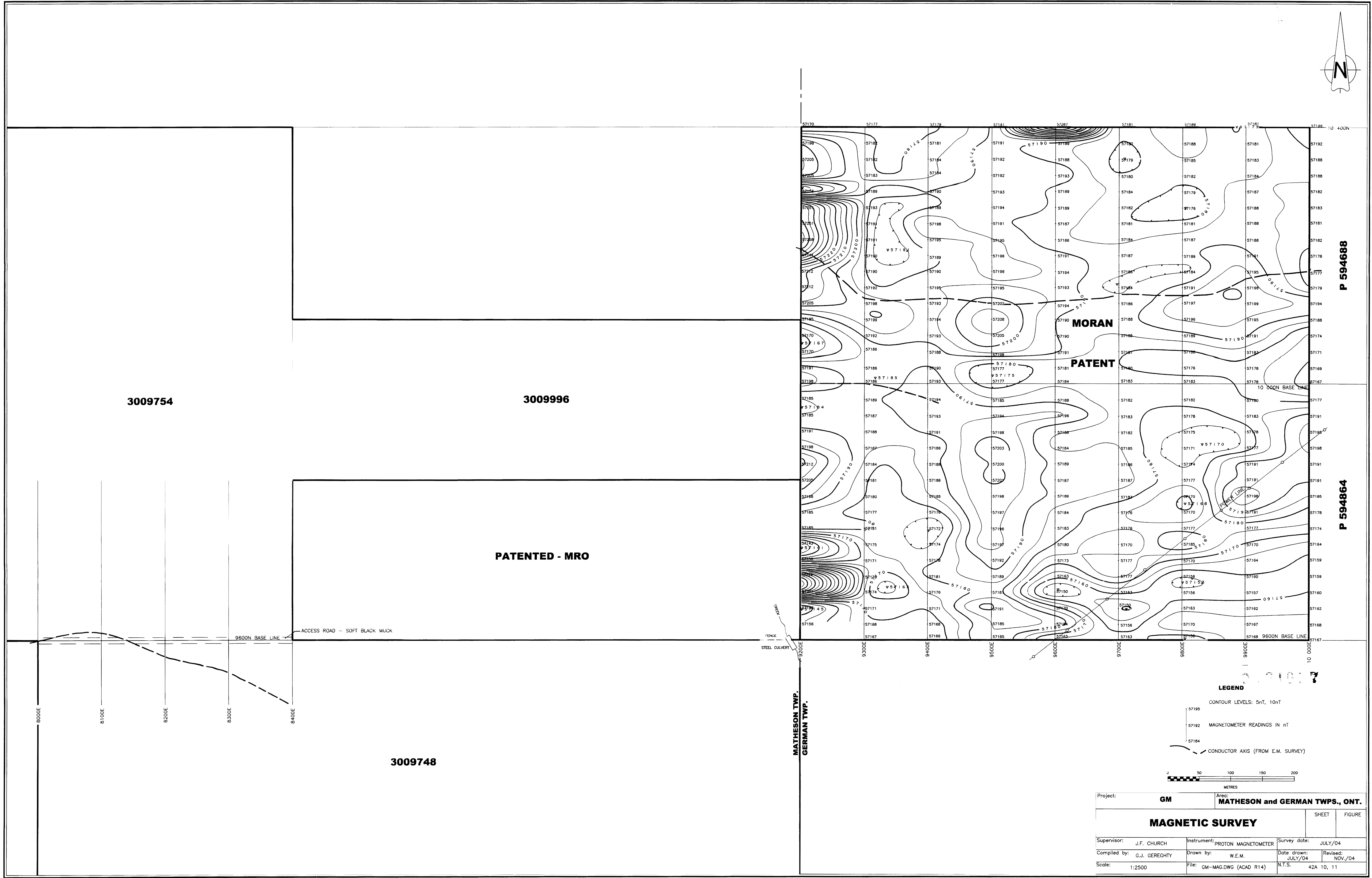
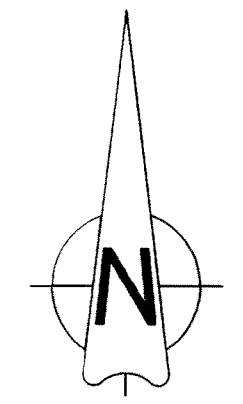
Date Reported: 07-OCT-04

Enzyme Leach Job #: A04-2611

Trace element values are in parts per billion  
 Values = 999999 are greater than the v

Regular Package:

Sample ID	Iron Indicators			High-Field Strength Elements								Transition Elements														Lanthanides		
	Sn	Ti	Bi	S.Q. Ti	S.Q. Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	S.Q. Li	Be		
A 38501	1.3	0.6	-0.8	2270	-52	24.0	79	9	1.8	0.7	40.4	-73.1	9.5	40.4	8.1	1.9	7.0	1.1	5.3	1.0	2.7	0.3	2.3	0.3				
A 38502	0.9	0.3	-0.8	665	-20	11.6	31	3	0.7	0.2	18.6	43.4	5.2	21.2	3.9	1.1	2.9	0.5	2.1	0.5	1.2	0.2	1.1	0.2				
A 38503	1.8	0.2	-0.8	629	-20	20.9	33	2	0.8	0.3	25.1	41.3	7.3	35.3	7.3	1.6	5.8	1.0	4.5	0.9	2.3	0.3	2.0	0.3				
A 38504	-0.8	0.2	-0.8	783	-20	19.1	48	4	1.0	0.4	24.0	43.1	7.1	30.8	6.3	1.3	4.8	0.8	3.8	0.8	2.0	0.3	1.8	0.2				
A 38505	-0.8	0.2	-0.8	609	-20	16.6	32	3	0.6	0.3	25.5	37.2	6.9	30.5	5.2	1.2	4.3	0.7	3.0	0.6	1.7	0.2	1.6	0.2				
A 38506	-0.8	0.1	-0.8	338	-20	16.2	32	2	0.6	0.2	17.6	27.0	5.4	24.1	4.8	1.1	3.9	0.6	3.1	0.6	1.8	0.2	1.3	0.2				
A 38507	-0.8	0.2	-0.8	1050	-20	17.4	51	4	1.0	0.3	24.7	47.8	7.0	27.7	5.2	1.1	4.1	0.6	3.1	0.6	1.8	0.2	1.8	0.2				
A 38508	-0.8	0.3	-0.8	817	-20	20.6	36	5	0.7	0.2	28.8	42.8	8.3	34.0	6.8	1.5	5.6	0.9	3.8	0.8	2.4	0.3	1.7	0.3				
A 38509	-0.8	0.3	-0.8	1490	-20	22.9	52	5	1.1	0.4	30.3	50.7	8.5	37.6	9.1	1.8	6.9	1.1	5.3	1.1	2.6	0.3	2.2	0.3				
A 38510	0.8	0.3	-0.8	900	-20	16.1	43	4	0.8	0.3	24.0	65.7	6.2	27.7	5.3	1.2	4.4	0.7	2.9	0.6	1.8	0.2	1.4	0.2				
A 38510 REP	-0.8	0.2	-0.8	962	-20	15.4	60	4	1.0	0.3	25.5	54.9	6.8	27.4	5.5	1.2	4.3	0.6	3.0	0.6	1.9	0.2	1.5	0.2				
A 38511	1.1	0.4	-0.8	1920	-20	31.1	74	8	1.7	0.5	38.6	67.2	9.9	39.7	7.7	1.6	6.2	1.0	4.8	0.9	2.6	0.3	2.1	0.3				
A 38512	-0.8	0.3	-0.8	1060	-20	13.5	45	4	1.0	0.3	28.8	34.3	5.1	21.7	4.4	1.0	3.7	0.6	2.8	0.6	1.5	0.2	1.3	0.2				
A 38513	-0.8	0.2	-0.8	655	-20	23.8	36	3	0.7	0.2	32.2	51.0	7.0	35.8	9.0	2.1	7.1	1.2	5.9	1.1	3.0	0.3	1.8	0.3				
A 38514	-0.8	0.2	-0.8	871	-20	16.5	46	3	1.0	0.3	22.5	44.9	6.5	25.4	5.3	1.1	4.4	0.7	3.1	0.7	1.8	0.2	1.6	0.3				
A 38515	-0.8	0.2	-0.8	770	-20	19.0	34	3	0.7	0.2	22.0	40.8	6.3	31.5	7.4	1.6	5.5	1.0	4.2	0.8	2.1	0.2	1.5	0.3				
A 38516	0.8	0.4	-0.8	1640	-20	24.4	71	11	1.4	0.6	37.7	-84.2	-11.3	-47.1	9.5	1.9	7.1	1.0	5.1	0.9	2.6	0.3	2.5	0.4				
A 38517	1.8	0.5	-0.8	2290	-20	26.0	76	8	1.8	0.5	39.8	-71.1	-10.3	-44.3	9.4	2.0	7.7	1.3	5.9	1.2	3.0	0.3	2.4	0.4				
A 38518	-0.8	0.2	-0.8	479	-20	12.3	21	2	0.4	0.2	17.0	37.6	5.1	21.7	4.3	0.9	3.4	0.5	2.4	0.5	1.3	0.2	1.3	0.2				
A 38519	1.0	0.4	-0.8	2090	-20	28.9	98	6	1.6	0.5	42.8	-73.7	-11.9	-49.5	9.6	2.0	7.7	1.2	5.3	1.1	-3.1	0.4	2.8	0.4				
A 38520	-0.8	0.3	-0.8	820	-20	13.6	42	3	1.0	0.3	18.8	44.5	6.2	24.2	4.7	1.1	3.9	0.6	3.0	0.6	1.5	0.2	1.5	0.3				
A 38520 REP	-0.8	0.2	-0.8	783	-20	14.1	47	5	1.1	0.2	18.7	47.7	5.7	23.2	4.6	1.0	3.9	0.6	2.8	0.6	1.6	0.2	1.3	0.2				
A 38521	0.9	-0.1	-0.8	465	-20	6.8	11	-1	0.2	0.1	6.1	25.6	2.1	11.2	2.8	0.6	2.0	0.4	1.4	0.3	0.8	0.1	0.6	-0.1				
A 38522	-0.8	0.3	-0.8	1030	-20	16.3	55	3	1.0	0.2	23.4	55.7	6.5	24.4	4.3	1.1	3.8	0.6	3.0	0.6	1.9	0.2	1.5	0.2				
A 38523	1.1	0.6	-0.8	2000	-20	23.9	79	8	2.0	0.6	39.0	-73.8	-10.2	-43.3	8.5	1.9	7.2	1.1	5.2	1.0	2.6	0.4	2.2	0.3				
A 38524	1.2	0.6	-0.8	2160	-20	32.8	110	10	2.7	0.7	59.4	131	-15.5	-71.0	-11.7	-2.4	-9.5	1.5	-7.1	-2.3	-3.6	0.4	3.2	0.5				
A 38525	-0.8	0.2	-0.8	591	-20	21.3	28	2	0.7	0.2	18.5	40.2	6.7	33.0	8.8	1.9	7.1	1.2	5.8	1.1	2.8	0.3	1.7	0.3				
A 38526	30.6	0.4	-0.8	1210	-20	26.1	64	6	1.5	0.4	35.3	65.0	10.4	47.8	-10.1	-2.1	-7.6	1.3	6.1	1.2	-3.1	0.4	2.5	0.4				
A 38527	-0.8	0.2	-0.8	633	-20	11.5	27	3	0.6	0.2	16.0	31.1	4.7	21.1	4.3	1.1	4.2	0.6	2.7	0.5	1.3	0.2	1.0	0.2				
A 38528	1.0	0.4	-0.8	1390	-20	22.2	72	6	1.7	0.4	34.6	72.9	9.5	38.4	7.6	1.7	6.4	0.9	4.5	1.0	2.7	0.3	2.2	0.3				
A 38529	-0.8	0.3	-0.8	986	-20	21.7	56	4	1.3	0.4	32.8	63.1	9.1	37.2	7.3	1.7	6.3	1.0	4.7	1.0	2.6	0.3	2.2	0.3				
A 38530	-0.8	0.2	-0.8	1030	-20	16.2	69	3	1.5	0.2	27.6	57.5	7.3	28.1	5.0	1.2	4.2	0.6	3.0	0.6	1.9	0.2	1.7	0.2				
A 38530 REP	-0.8	0.2	-0.8	1050	-20	15.8	72	3	1.5	0.3	25.5	55.7	7.4	31.9	5.2	1.2	4.3	0.6	2.9	0.6	1.8	0.2	1.5	0.3				
A 38531	-0.8	0.3	-0.8	592	-20	17.0	69	3	1.5	0.2	24.8	51.1	7.1	27.6	5.4	1.2	4.1	0.7	3.1	0.7	1.9	0.2	1.9	0.3				
A 38532	1.0	0.4	-0.8	1070	-20	22.3	67	5	1.4	0.4	38.8	82.0	9.2	37.2	7.5	1.6	5.5	0.9	4.4	0.9	2.7	0.3	2.1	0.3				
A 38533	-0.8	0.2	-0.8	722	-20	11.9	35	3	0.7	0.2	20.5	50.9	5.5	20.9	3.8	0.9	3.5	0.5	2.3	0.5	1.3	0.2	1.0	0.2				
A 38534	-0.8	0.3	-0.8	829	-20	17.5	54	4	1.3	0.3	24.2	50.7	6.9	28.5	6.1	1.4	4.8	0.8	3.9	0.8	2.1	0.2	1.8	0.3				
A 38535	0.9	0.4	-0.8	1430	-20	32.4	73	6	1.6	0.4	39.8	65.9	11.8	55.9	13.0	-2.8	-10.0	-1.6	-7.2	-1.4	-3.9	0.4	2.8	0.5				
A 38536	1.1	0.4	-0.8	1540	-20	26.2	65	8	1.8	0.6	35.3	64.9	-10.1	-47.6	9.8	2.2	8.3	1.3	6.0	1.2	3.2	0.4	2.2	0.3				
A 38537	-0.8	0.2	-0.8	669	-20	9.9	25	3	0.5	0.1	14.9	42.7	4.5	18.5	5.1	0.8	3.0	0.5	2.2	0.4	1.1	0.1	1.0	0.1				
A 38538	1.0	0.3	-0.8	1210	-20	30.2	88	5	1.9	0.4	42.3	-80.9	-11.9	-54.6	-11.2	-2.4	-8.3	-1.5	-6.4	1.3	-3.5	0.4	2.9	0.5				
A 38539	1.7	0.4	-0.8	2010	-20	19.9	89	7	2.1	0.4	31.0	-81.4	9.2	34.6	7.0	1.4	4.9	0.7	4.0	0.8	2.3	0.3	2.3	0.4				
A 38540	-0.8	0.2	-0.8	854	-20	13.2	31	4	0.7	0.2	16.2	28.2	4.6	19.7	4.0	0.9	3.5	0.5	2.3	0.4	1.4	0.1	0.9	0.1				
A 38541	0.8	0.3	-0.8	1110	-20	15.7	51	5	1.2	0.4	26.1	50.5	7.1	24.9	4.9	1.2	4.6	0.6	3.3	0.8	1.8	0.2	1.4	0.2				
A 38542	-0.8	0.2	-0.8	533	-20	16.0	31	2	0.6	0.2	21.2	49.1	7.3	30.1	5.4	1.3	4.6	0.7	3.3	0.6	1.8	0.2	1.4	0.2				
A 38543	0.9	0.2	-0.8	822	-20	23.2	53	3	1.1	0.2	32.8	-73.5	9.8	39.6	7.4	1.7	6.7	1.0	4.3	0.9	2.5	0.3	2.1	0.3				
Control Material Till-1 Certified Till-1	3.5	1.3	1.2	2110 5995204	-20	36.6 67000	28 37000	6 518000	0.8 12000	0.3 13000	38.0 29000	102 83000	10.8	43.5	9.2	2.2	7.8	1.3	6.7	1.4	3.7	0.5	3.3	0.5	14	-2		
Control Material Till-2 Certified Till-2																												



3009754

3009996

PATENTED - MRO

3009748

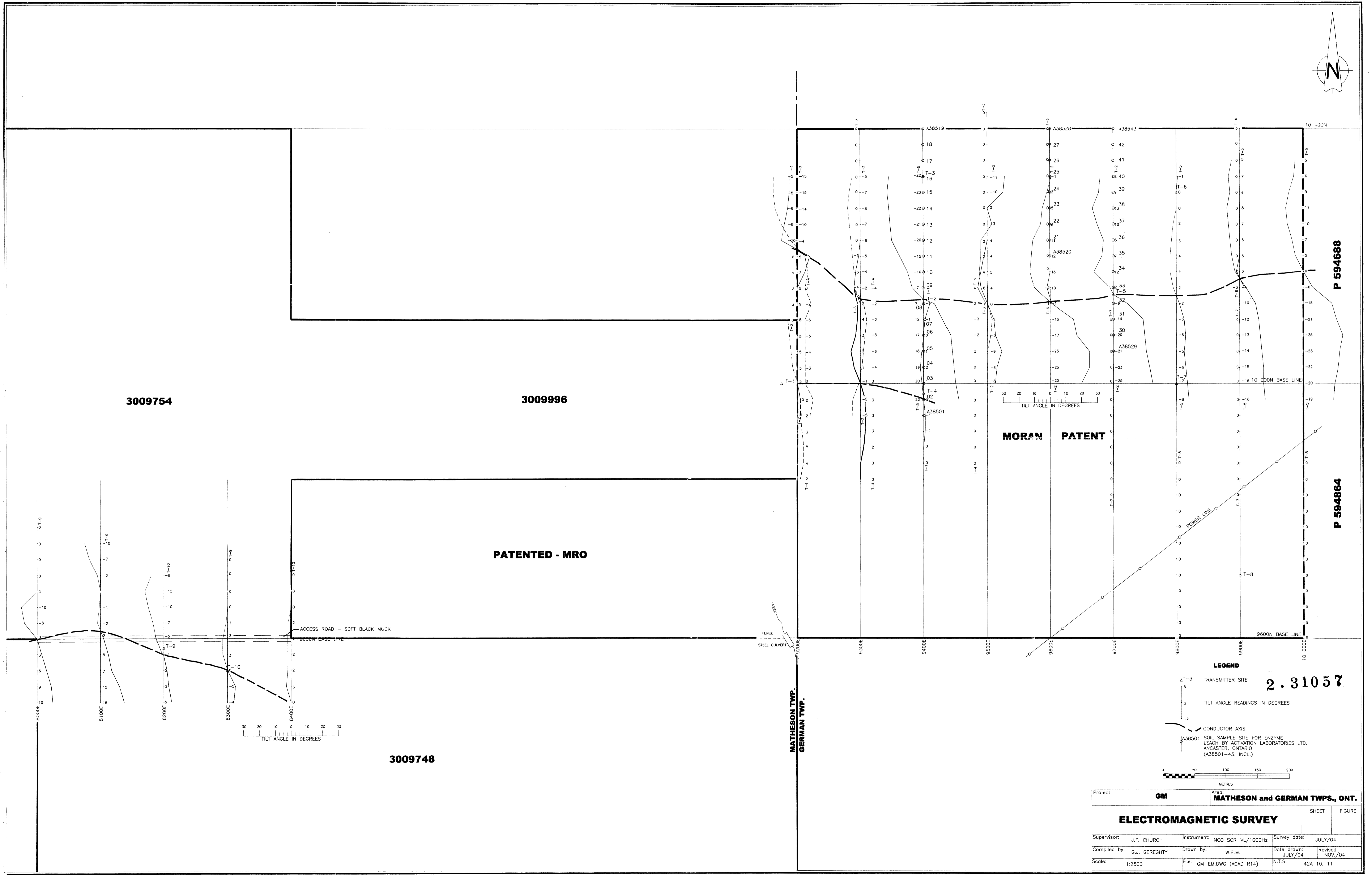
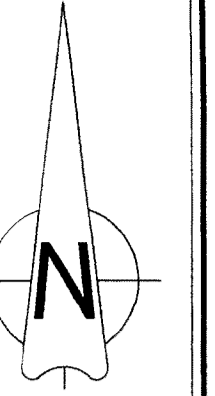
**LEGEND**

- CONTOUR LEVELS: 5nT, 10nT
- MAGNETOMETER READINGS IN nT
- CONDUCTOR AXIS (FROM E.M. SURVEY)

Project:	<b>GM</b>	Area:	<b>MATHESON and GERMAN TWPS., ONT.</b>
<b>MAGNETIC SURVEY</b>		SHEET	FIGURE
Supervisor:	J.F. CHURCH	Instrument:	PROTON MAGNETOMETER
Survey date:	JULY/04	Survey date:	JULY/04
Compiled by:	G.J. GERECHTY	Drawn by:	W.E.M.
Date drawn:	JULY/04	Revised:	NOV./04
Scale:	1:2500	File:	GM-MAG.DWG (ACAD R14)
		N.T.S.	42A 10, 11

P 594688

P 594864



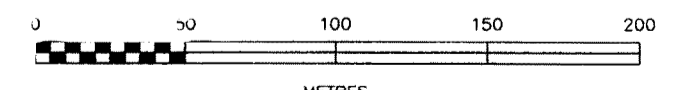
MORAN PATENT

PATENTED - MRO

LEGEND

- △ T-5 TRANSMITTER SITE
- TILT ANGLE READINGS IN DEGREES
- CONDUCTOR AXIS
- A38501 SOIL SAMPLE SITE FOR ENZYME LEACH BY ACTIVATION LABORATORIES LTD. ANCASTER, ONTARIO (A38501-43, INCL.)

2.31057



Project:	GM	Area:	MATHESON and GERMAN TWPS., ONT.
<b>ELECTROMAGNETIC SURVEY</b>			
Supervisor:	J.F. CHURCH	Instrument:	INCO SCR-VL/1000Hz
Survey date:	JULY/04	Drawn by:	W.E.M.
Compiled by:	G.J. GEREHTY	Date drawn:	JULY/04
Revised:	NOV/04	File:	GM-EM.DWG (ACAD R14)
Scale:	1:2500	N.T.S.	42A 10, 11



Enzyme Leach Job #: A04-2611

Trace element values are in parts per bill  
 Values = 999999 are greater than the v

Sample ID	S	O	Sc	Mn	Rb	Sr	Cs	Ba	P.G.E.s:			
									Ru	Pd	Os	Pt
A 38501	-100			2190	98	405	3.4	414	-1	-1	-1	-1
A 38502	-100			9330	46	167	0.9	255	-1	-1	-1	-1
A 38503	-100			2610	38	149	1.0	158	-1	-1	-1	-1
A 38504	-100			1660	51	180	1.1	185	-1	-1	-1	-1
A 38505	-100			2140	30	139	1.0	192	-1	-1	-1	-1
A 38506	-100			1630	25	157	0.5	157	-1	-1	-1	-1
A 38507	-100			2460	40	173	1.4	193	-1	-1	-1	-1
A 38508	-100			4250	54	162	1.2	177	-1	-1	-1	-1
A 38509	-100			4620	49	225	1.9	276	-1	-1	-1	-1
A 38510	-100			7200	46	185	1.3	280	-1	-1	-1	-1
A 38510 REP	-100			7820	51	202	1.5	329	-1	-1	-1	-1
A 38511	-100			1940	71	329	2.8	351	-1	-1	-1	-1
A 38512	-100			2310	57	222	1.3	255	-1	-1	-1	-1
A 38513	-100			1180	30	338	1.1	188	-1	-1	-1	-1
A 38514	-100			3360	41	178	1.0	215	-1	-1	-1	-1
A 38515	-100			2540	42	186	1.0	184	-1	-1	-1	-1
A 38516	-100			1880	69	258	2.1	471	-1	-1	-1	-1
A 38517	-100			6430	77	285	3.2	372	-1	-1	-1	-1
A 38518	-100			3550	39	181	0.8	177	-1	-1	-1	-1
A 38519	-100			1850	77	247	2.5	296	-1	-1	-1	-1
A 38520	-100			959	40	240	1.2	252	-1	-1	-1	-1
A 38520 REP	-100			1120	37	285	1.1	282	-1	-1	-1	-1
A 38521	-100			404	13	199	0.3	138	-1	-1	-1	-1
A 38522	-100			610	43	204	1.1	231	-1	-1	-1	-1
A 38523	-100			701	86	397	3.4	380	-1	-1	-1	-1
A 38524	-100			1700	82	377	3.9	444	-1	-1	-1	-1
A 38525	-100			459	42	313	1.3	182	-1	-1	-1	-1
A 38526	-100			4290	66	359	2.5	325	-1	-1	-1	-1
A 38527	-100			1370	52	357	1.2	227	-1	-1	-1	-1
A 38528	-100			7720	69	232	2.4	322	-1	-1	-1	-1
A 38529	-100			3440	51	284	2.3	267	-1	-1	-1	-1
A 38530	-100			2310	46	209	1.3	311	-1	-1	-1	-1
A 38530 REP	-100			2560	42	234	1.3	336	-1	-1	-1	-1
A 38531	-100			1240	44	218	0.9	309	-1	-1	-1	-1
A 38532	-100			3690	61	321	2.1	321	-1	-1	-1	-1
A 38533	-100			4280	39	278	1.2	205	-1	-1	-1	-1
A 38534	-100			2650	49	240	1.7	279	-1	-1	-1	-1
A 38535	-100			3190	63	349	2.5	336	-1	-1	-1	-1
A 38536	-100			1670	76	374	2.8	346	-1	-1	-1	-1
A 38537	-100			195	38	112	1.1	154	-1	-1	-1	-1
A 38538	-100			4400	61	303	2.2	337	-1	-1	-1	-1
A 38539	-100			5230	66	177	2.4	386	-1	-1	-1	-1
A 38540	-100			1920	38	300	1.2	186	-1	-1	-1	-1
A 38541	-100			3280	66	385	1.9	262	-1	-1	-1	-1
A 38542	-100			1250	26	322	0.6	220	-1	-1	-1	-1
A 38543	-100			1780	30	212	0.8	224	-1	-1	-1	-1
Control Material Till-1	-100			39300	69	422	1.2	1120	-1	-1	-1	-1
Certified Till-1	15000			1549186	-	239000	1000	730000	-	-	-	-
Control Material Till-2	-100			8530	294	817	10.6	1760	-1	-1	-1	-1
Certified Till-2	13000			774593	-	124000	12000	550000	-	-	-	-
Control Material SO-2	-100			2130	115	234	0.9	836	-1	-1	-1	-1
Certified SO-2	-			720000	78000	340000	-	966000	-	-	-	-
Control Material SO-4	-100			7850	105	838	2.2	1430	-1	-1	-1	-1
Certified SO-4	-			600000	-	170000	-	-	-	-	-	-